

Inventor Search

Yang 09/966,571

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L34 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:658679 HCPLUS
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TITLE: **Arrays devices** and methods of use
thereof
INVENTOR(S): **Wagner, Peter**
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 36 pp., Cont.-in-part of U.S.
6,329,209.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002119579	A1	20020829	US 2001-966571	20010926
US 6406921	B1	20020618	US 1998-115455	19980714
US 6329209	B1	20011211	US 1999-353555	19990714
PRIORITY APPLN. INFO.:			US 1998-115455	A2 19980714
			US 1999-353555	A2 19990714

AB Arrays of protein-capture agents useful for the simultaneous detection of a plurality of proteins which are the expression products, or fragments thereof, of a cell or population of cells in an organism are provided. A variety of antibody arrays, in particular, are described. Methods of both making and using the arrays of protein-capture agents are also disclosed. The invention arrays are particularly useful for various proteomics applications including assessing patterns of protein expression and modification in cells.

IC ICM G01N033-543
NCL 436518000
CC 9-1 (Biochemical Methods)
ST protein microarray
IT Animal tissue culture
Biochemical molecules
Cell
Electroporation
Human
Immobilization, molecular or cellular
Microarray technology
Monolayers
Photolithography
Photoresists
Protein microarray technology
(**arrays devices** and methods of use thereof)
IT Proteins
RL: ANT (Analyte); ANST (Analytical study)
(**arrays devices** and methods of use thereof)
IT Immunoglobulins
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(**arrays devices** and methods of use thereof)
IT Antibodies
RL: ARU (Analytical role, unclassified); PEP (Physical, engineering or chemical process); PYP (Physical process); ANST (Analytical study); PROC (Process)
(**arrays devices** and methods of use thereof)
IT Animal cell

(mammalian; **arrays devices** and methods of use thereof)

IT Isomerization
(photoisomerization; **arrays devices** and methods of use thereof)

IT Coating process
(spin; **arrays devices** and methods of use thereof)

IT 147072-47-7P
RL: ARU (Analytical role, unclassified); DEV (Device component use); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); PROC (Process); USES (Uses)
(**arrays devices** and methods of use thereof)

IT 7440-21-3, Silicon, uses 7440-32-6, Titanium, uses 7440-57-5, Gold, uses
RL: DEV (Device component use); USES (Uses)
(**arrays devices** and methods of use thereof)

IT 2834-05-1, 11-Bromoundecanoic acid 6066-82-6, N-Hydroxysuccinimide 7772-98-7, Sodium thiosulfate
RL: RCT (Reactant); RACT (Reactant or reagent)
(**arrays devices** and methods of use thereof)

IT 23483-56-9P, 11,11'-Dithiobis(undecanoic acid) 147708-36-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(**arrays devices** and methods of use thereof)